## *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noguchi in view

of US Pat No 5,854,749 issued to Kellams et al (hereafter Kellams).

Claim 5:

Noguchi discloses the elements of claim 1 as noted above but does not disclose wherein

the data model includes a tuple in a format and order comprising: the first object identifier, the

relation identifier, the second object identifier. Kellams discloses that data tuples or records have

multiple fields [col 7, lines 20-25]. It would have been obvious to one of ordinary skill in the art

at the time the invention was made to modify Kellams to include wherein the data model

includes a tuple in a format and order comprising: the first object identifier, the relation

identifier, the second object identifier based on the disclosure of Kellams for the purpose

adopting a primary data structure of the well-known Oracle database [col 7, lines 20-25].

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noguchi in view

of Pub No 2005/0091287 issued to Sedlar (hereafter Sedlar).

Claim 10:

Noguchi discloses the elements of claim 1 as noted above but does not disclose wherein the relation identifier identifies a dependency between the first object and the second object. Sedlar discloses wherein the relation identifier identifies a dependency between the first object and the second object [paragraph 209]. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Noguchi to include wherein the relation identifier identifies a dependency between the first object and the second object as taught by Sedlar for the purpose of providing a means for a user to review the history of a file and the possible revisions that were made over the lifetime of the file.

*Contact Information*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Etienne P. LeRoux whose telephone number is (571) 272-4022. The examiner can normally be reached Monday through Friday between 8:00 am and 4:30 pm.
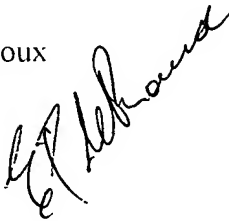
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on (571) 272-4023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Etienne LeRoux

4/18/2006

A DOCPHOENIX

# OUTGOING DOCUMENT INDEX SHEET

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Examiner Search Notes

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Compact Disk Review Checklist

9/15/03

| FORM PTO-1449 | ATTY. DOCKET NO. 200300594-1 | APPLICATION NO. | CONFIRMATION NO. |
|---|---|---|---|
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | APPLICANT Zhichen Xu et al. | | |
| | FILING DATE Herewith | GROUP | |

## REFERENCE DESIGNATION    U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | NAME | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
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| | 1A | | | | |
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## FOREIGN PATENT DOCUMENTS

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| | 1L | | | | | |
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| | 1P | | | | | |

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| | | |
|---|---|---|
| *EleR* | 1Q | ABITEBOUL, S., "Querying Semi-Structured Data", Database Theory ICDT '97, January 1997. |
| | 1R | BERRY, M. et al., "Matrices, Vector Spaces, and Information Retrieval", SIAM Review, 1999. |
| | 1S | CHAUDHURI, S. et al., "Rethinking Database System Architecture: Towards a Self-tuning RISC-style Database System", The VLDB Journal, pg 1-10, 2000. |

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| FORM PTO-1449 | ATTY. DOCKET NO. 200300594-1 | APPLICATION NO. | CONFIRMATION NO. |
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT: Zhichen Xu et al.

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| | 1R | FOOTE, J.,"An Overview of Audio Information Retrieval", Multimedia Systems, December 1997. |
| | 1S | GIFFORD, D. et al., "Semantic File Systems", Proceedings of the 13th ACM Symposium on Operating Systems Principles, 1991. |

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| EXAMINER   *EP lehacse* | DATE CONSIDERED   4/18/2006 |
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